ABSTRACT

1. Method and Apparatus for recognition of biometric data with high fraud resistance

2.1 The present invention is underlied by the problem to specify a method and an apparatus of the initially said type with which a high fraud resistance is reached. The present invention shall be applicable modularly with existing methods of recognition and shall recognize imitations securely which have been created by applying masks onto the objects to be recognized.

2.2 According to the present invention, the problem is solved by acquiring the object (1) simultaneously from at least two different imaging directions and calculating a three-dimensional model of the observed object (1) from at least two images and comparing the calculated model to a reference model acquired from also several images, wherein the object (1) is recognized to be right if the acquired data gained from the images are simultaneously in concordance with each other apart from predetermined tolerances respectively.

2.3 The present invention relates to a method and an apparatus for recognition of biometric data with high fraud resistance, in particular for recognition of characteristics of fingers and of faces, wherein an object is acquired by optical scanning and numerical parameters are acquired by means of digital image processing.